RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR	MMM MMM MMM MMM MMM MMMMMM	\$
RRR RRR RRR RRR RRR RRR RRR RRR	MMMMM MMMMMM MMMMMMMMMMMMMMMMMMMMMMMMM	\$\$\$ \$\$\$ \$\$\$ \$\$\$ \$\$\$
RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR	MMM	\$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$
RRR RRR RRR RRR RRR RRR	MMM	\$\$\$ \$\$\$ \$\$\$ \$\$\$ \$\$\$
RRR RRR RRR RRR RRR RRR	MMM	\$\$\$\$ \$\$\$\$\$\$\$\$\$\$\$\$\$\$ \$\$\$\$\$\$\$\$\$\$\$\$\$\$ \$\$\$\$\$

_\$2

NTS NTS NTS NTS NTS NTS

NT: NT: NT: NT: NT: NT: NT: NT: NT:

NT NT NT NT NT PI

NN		000000 00 00 00 00	\$	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	NN	XX	AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
		\$					

NTO

NTO

ÖÖÖÖ 0000

E 6

16-SEP-1984 00:07:06 5-SEP-1984 16:21:07 VAX/VMS Macro V04-00 [RMS.SRC]NTOSCNXAB.MAR;1

Page (1)

Syl

SBEGIN NTOSCNXAB,000,NFSNETWORK, <SCAN XAB CHAIN>

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: Facility: RMS

Abstract:

This module contains routines that scan:
(1) the user XAB chain and examine FAL's capabilities to determine which DAP Extended Attributes messages should be requested to be

returned by the remote FAL.

(2) the user Name Block and examine FAL's capabilities to determine if a DAP (resultant) Name message should be requested to be returned by the remote FAL

Environment: VAX/VMS, executive mode

Creation Date: 05-JUN-1979 Author: James A. Krycka.

Modified By:

JAK0119 J A Krycka 16-JUL-1983 Scan the Journaling XAB and save the JOP field for use by V03-006 JAK0119 NTSCREATE.

JAK0115 J A Krycka 29-JUN-196 Support probe of extended Protection XAB. 29-JUN-1983 V03-005 JAK0115

23-May-1983 V03-004 KRM0110 Update to support DAP V7.0 spec.

4444444455555555

NUNCTURE DESCRIPTION OF THE PROPERTY OF THE PR

NT

PS NF SA

Own Storage:

None

-\$ -\$ TO

In Co Pa Sy Pa Sy Ps Cr As

Th 64 Th 52 34

Page 4

```
.SBTTL NT$SCAN_XABCHN - SCAN XAB CHAIN
108
          NT$SCAN_XABCHN - scans the user XAB chain and examines FAL's capabilities to determine which DAP Attributes and Extended Attributes messages to request the remote FAL to return. It also verifies that all Allocation XABs found are chained sequentially and that all Key Definition XABs found are chained sequentially (i.e., they form sub-chains).
                        The message request mask is returned in R2.
           Calling Sequence:
120
121
122
123
124
125
126
127
                        BSBW
                                        NT$SCAN_XABCHN
            Input Parameters:
                                        Close operation flag
NWA (=DAP) address
                        R8
                                        FAB address
                        R9
                                        IFAB address
128
129
130
131
132
133
134
                        R10
                                         IFAB/FWA address
                        R11
                                        Impure Area address
            Implicit Inputs:
                       User ALL, DAT, FHC, JNL, KEY, PRO, RDT, and SUM XABS DAP$Q_SYSCAP bits KEYXAB, ALLXAB, SUMXAB, TIMXAB, PROXAB, CHGTIMCLS, CHGPROCLS
136
137
138
139
            Output Parameters:
                                        Status code (RMS)
                                        Destroyed
                        R2
R3-R5
                                        Message request mask
                                        Destroyed
            Implicit Outputs:
                       NWASB_ALLXABONT
NWASB_KEYXABONT
NWASW_JNLXABJOP
NWASL_ALLXABADR
NWASL_DATXABADR
NWASL_FHCXABADR
NWASL_KEYXABADR
NWASL_PROXABADR
NWASL_PROXABADR
NWASL_SUMXABADR
150
151
152
153
154
155
156
157
158
159
            Completion Codes:
                        Standard RMS completion codes
160
161
162
163
            Side Effects:
                        User XABs are probed for writeability.
```

H 6

Page

EXIT-

XABRDT

Ignore XABTRM

Ignore XABCXF

	SCAN XAB CHAIN NTSSCAN_XABCHN - SCAN XAB CHAIN	J 6 16-SEP-1984 00: 5-SEP-1984 16:	07:06 VAX/VMS Macro V04-00 Page 21:07 [RMS.SRC]NTOSCNXAB.MAR;1	(3)
	0023 222 0023 222 0023 223 0049 225 :+ 0049 226 : Exit paths. 0049 227 :- 0049 228 0049 229 EXIT: RMSSUC RSB BA 004D 231 ERRCOD: POPR	EXIT- JOURNALING-	: Ignore XABCXR : XABJNL	
01- 10 01 07 03 0C A8 53	11 0054 233 BRB BA 0056 234 ERRIMX: POPR 0058 235 RMSERR 11 005D 236 BRB BA 005F 237 ERRXAB2:POPR 0061 238 ERRXAB: RMSERR	#^M <ro> COD SETSTV #^M<ro> IMX SETSTV #^M<ro,r1> XAB R3,FAB\$L_STV(R8)</ro,r1></ro></ro>	Return success Exit with RMS code in RO Discard return address Invalid XAB type code Discard return address Duplicate XAB or XABs are not dense Discard return addresses XAB too short or not accessible Return XAB address in STV field	
50 01 A3 51 50 EB	006B 241 006B 242;+ 006B 243; This routine 006B 244;- 006B 245 006B 246 VALIDATE XAB: 9A 006B 247 MOVZBL	checks the control block XAB\$B_BLN(R3),R0 R0,R1 ERRXAB2 R0,(R3),ERRXAB2,-	for correct length and writeability. : Entry point : Get stated length of block : Compare against expected length : Branch if too small : Probe for writeability and branch on	
51 24 EA	05 0074 251 05 007B 252 RSB 007C 253 007C 254 ;+	handles the Date and Time #XAB\$C_DATLEN_V2,R1 VALIDATE_XAB	; Entry point ; Get minimum (i.e., V2) length of XAB ; Check length and accessibility	
0104 C7 CF 0104 C7 53 1A 07 28 A7 04 56	008E 265 E8 0091 266 BLBS 0094 267 \$SETBIT 05 0098 268 10\$: RSB 0099 269 0099 270 ;+	NWASL_DATXABADR(R7) ERRIMX R3.NWASL_DATXABADR(R7) #DAP\$V_TIMXAB,- DAP\$Q_SYSCAP(R7),10\$ R6.10\$ #DAP\$V_DSP_TIM,R2	Declare error as this is a duplicate XAB Save address of Date and Time XAB Branch if Date and Time message is not supported by partner This XAB is not an input on close Update request mask Exit	
51 10 0110 C7	0099 271 : This routine 0099 272 :- 0099 273 0099 274 PROTECTION: 9A 0099 275 MOVZBL 10 009C 276 BSBB D5 009E 277 TSTL	#XAB\$C_PROLEN_V3,R1 VALIDATE_XAB NWA\$L_PROXABADR(R7)	Entry point ; Get minimum (i.e., V3) length of XAB ; Check length and accessibility ; Declare error as this is a duplicate	

NTOSCNXAB VO4-000

NTOSCNXAB VO4-000		SCAN NT\$S	XAB CHAIN	- SCAN	XAB CHAIN	K 6	16-SEP-1984 5-SEP-1984	00:0 16:2	7:06 1:07	VAX/VMS MERMS.SRC	Macro VO4-0 INTOSCNXAB.	00 MAR;1	Page	(3)
	0110 C7 53 18 0C 28 A7 05 56	12 00 E1 E9 E1	00A2 278 00A4 279 00A9 280 00AB 281 00AE 282 00B1 283		BNEQ MOVL BBC BLBC BBC	ERRIMX R3,NWA #DAP\$V DAP\$Q R6,10\$ #DAP\$V	SL_PROXABADR(R) PROXAB,- SYSCAP(R7),20\$ CHGPROCLS,- SYSCAP(R7),20\$ _DSP_PRO,R2	7)	Save Brand not An ad check	address of the contract of the	of Protecti tection mes by partner system cap wired if the	on XAB sage is r pabilitie	rs	
	04 28 ĀŽ	05	0083 284 0086 285 008A 286 008B 287	10\$: 20\$:	\$SETBIT RSB	DAPSQ #DAPSV	SYSCAP(R7),20\$ _DSP_PRO,R2	!	Upda Exit	te request	tion t mask			
			008B 289 008B 290	This	routine	handles	the Allocation	n XAB						
	51 20 AB 011C C7 01 011C C7 08 14 64 11 FF83 0100 C7 53	9A 10 96 91 13 91 13 00 E1	00A2 278 00A4 289 00AB 283 00B1 283 00B3 285 00BA 286 00BB 289 00BB 293 00BB 293 00B	ALLOCA	MOVZBL BSBB INCB CMPB BEQL CMPB BEQL BRW MOVL BBC	XAB\$B_ 20\$ ERRIMX	ALLLEN,R1 TE_XAB ALEXABENT(R7) ALEXABENT(R7),A COD(R4),#XAB\$C \$L_ALEXABADR(R1 ACEXAB,- SYSCAP(R7),20\$	ALL	Get Check Incre Brand Alle	ement XAB ch if this ocation XA	and accessi	i in	(AB	
	04 28 A7	05	00DD 304 00E1 305	20\$:	\$SETBIT RSB	#DAP\$V	_DSP_ALL,R2	•	Upda Exit	re lednes	d by partne t mask	r		
			00E2 308 00E2 309 00E2 310	This	routine	handles	the Key Defin	ition	XAB.					
	51 40 8F FF82 011D C7 01 011D C7 08 15 64 11 010C C7 53	9A 30 96 91 13 91 13 100 E1	00E2 308 00E2 309 00E2 310 00E2 311 00E2 312 00E2 313 00E9 315 00E9 316 00EP 316 00F4 317 00F7 318 00F7 318 00F7 322 010A 3223 010B 326		FINITION: MOVZBL BSBW INCB CMPB BEQL CMPB BEQL CMPB BEQL BRW MOVL BBC	VALIDA NWASB_ NWASB_ 10\$ XABSB_ 20\$ ERRIMX	KEYLEN_V2,R1 TE_XAB KEYXABCNT(R7) KEYXABCNT(R7), COD(R4),#XAB\$C \$L_KEYXABADR(R1 KEYXAB,- \$Y\$CAP(R7),20\$	KEY	Get i Check Incre Branc Key Check it i else Save Branc	k length a ement XAB ch if this Definition k previous must also e this XAE address o ch if Key	s is first on XAB in co s XAB in ch be a Key D d is out of of first Ke Definition	chain main; mefinition order my Def XA	on XAB	
	04 28 A7	05	0103 322 0106 323 010A 324 010B 325 010B 326 010B 327	20\$:	\$SETBIT RSB	#DAP\$Q	SYSCAP(R7),20\$		Upda Exit	te request	d by partne t mask	r		

#XAB\$C_SUMLEN,R1 VALIDATE_XAB NWA\$L_SUMXABADR(R7) ERRIMX1

SUMMARY:

MOVZBL BSBW TSTL BNEQ

51 OC 0118 C7 55 : Entry point : Get length of XAB : Check length and accessibility : Declare error as this is a duplicate : XAB

routine saves the JOP field in the NWA for use by NTSCREATE.

JOURNALING: #XAB\$C_JNLLEN,R1 MOVZBL BSBW XABSW_JOP(R3),-NWASW_JNLXABJOP(R7) MOV

015F 015F 015F

9A 30 B0

FF06

08 A3

Entry point Get length of XAB Check length and accessibility Save journaling options value in NWA VC

NTOSCNXAB VO4-000

SCAN XAB CHAIN NTSSCAN_XABCHN - SCAN XAB CHAIN

16-SEP-1984 00:07:06 VAX/VMS Macro V04-00 5-SEP-1984 16:21:07 [RMS.SRC]NTOSCNXAB.MAR;1

Page (3)

: Exit

; Branch aid

392 RSB 393 394 ERRIMX1:BRW FEE7

ERRIMX

Side Effects:

User XAB is probed for writeability

				016F	442	NT\$SCAN_KEYXAB::	
51	40	8F	9A	016F 016F	443	MOVZBL #XAB\$C_KEYLEN_V2,R1 BRB COMMON_SCAN	
		03	11	0173	444	BRB COMMON SCAN	
				0175	445	NTSSCAN ALLXAB::	
	51	20	9A	0175	446	MOVZBL #XAB\$C_ALLLEN,R1	
				0178	447	COMMON_SCAN:	
	53	56	DO	0178	448	MOVL R6.R3	
				017B	449	IFNORD #XAB\$L_NXT+4,(R3),-	
				017B	450	10\$ IFB\$B MODE(R9)	
50	01	A3	9A D1	0182	451	MOVZBL XAB\$B_BLN(R3),R0	
	51	A3	D1	0186	448 449 450 451 452	CMPL RO,R1	
						5. Jan 1971 M. B.	

Entry point Get minimum (i.e., V2) length of XAB Join common code Entry point Get length of XAB Common code Get address of XAB to probe
Probe for readability thru NXT field
of XAB and branch on failure
Get stated length of block
Compare against expected length V

NTOSCNXAB VO4-000		SCAN NT\$S	XAB CI	HAIN LXAB	- SCAN	ALLOCATIO	B 7 16-SEP-1984 5-SEP-1984	00:07:06	VAX/VMS Macro V04-00 ERMS.SRCJNTOSCNXAB.MAR; 1	Page	11
	ОВ	1F 05	0189 018B 018B 0192 0195	453 454 455 456 457		KW220C	10\$ RO,(R3),10\$,- IFB\$B_MODE(R9)	; Retu	nch if too small be for writeability and brand ilure urn success	h on	
,	FEC8	31	0196	458	10\$:	RSB BRW	ERRXAB	; Exit	lure		

NTO

00CO 8F

13

0000

09 28

50 A7 0E 8F 28 A7

01B4

C 7

: Name message

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```
.SBTTL NTSSCAN_NAMBLK - SCAN NAME BLOCK
                  : NT$SCAN_NAMBLK - scans the user Name Block and checks FAL's capabilities to determine if a DAP (resultant) Name message should be requested
                            to be returned by the remote FAL.
     0199
0199
0199
0199
                            An updated message request mask is returned in R2.
                     Calling Sequence:
     0199
0199
                            BSBW
                                      NT$SCAN_NAMBLK
    Input Parameters:
                            R2
R7
                                      Message request mask
NWA (=DAP) address
                            R8
                                      FAB address
                            R9
                                      IFAB address
                                      IFAB/FWA address
                            R10
                            R11
                                      Impure Area address
                    Implicit Inputs:
                            User Name Block
                     Output Parameters:
                            RO
                                      Status code (RMS)
    0199
0199
0199
                            R1
                                      Destroyed
             490
                            R2
                                      Updated message request mask
     0199
                    Implicit Outputs:
    None
                    Completion Codes:
             498
                            Standard RMS Completion codes
                    Side Effects:
             User Name Block is probed for writeability
    0199
0199
0199
                  NT$SCAN_NAMBLK::
                                                                     Entry point
                                      #^M<R6,R7>
BB 01330 E 53
                                                                     Save registers used
    019D
                            MOVL
                                      FAB$L_NAM(R8),R7
                                                                     Get Name block address
    01A1
01A3
                            BEQL
                                                                     Branch if none
                                      10$
                            BSBW
                                      RM$CHKNAM
                                                                     Check Name block validity
    01A6
                            BLBC
                                                                     Branch on error
Check for resultant string address
Branch if none
                                      RO,10$
    01A9
                            TSTL
                                      NAMSL_RSA(R7)
    01AC
                            BEQL
                                      10$
    01AE
01B2
                                      #"M<R6,R7>
                            POPR
                                                                     Restore registers
                                     #DAP$V_NAMMSG,-
DAP$Q_SYSCAP(R7),20$
E1
                            BBC
                                                                     Branch if partner does not support
```

NTOSCNXAB
V04-000

SCAN XAB CHAIN
NTSSCAN_MAMBLK - SCAN NAME BLOCK

O187 517
O5 0188 518
O000 8F BA 0186 519 10\$: POPR #^M<R6,R7>

05 0161 521
O101 522

SEND

D 7 16-SEP-1984 00:07:06 VAX/VMS Macro V04-00
FARS.SRCINTOSCNXAB.MAR;1 (5)
FARS.SRCINTOSCNXAB.MAR;1 (6)
FARS.SRCINTOSCNXAB.MAR;1 (6)
FARS.SRCINTOSCNXAB.MAR;1 (6)
FARS.SRCINTOSCNXAB.MAR;1 (6)
FARS.SRCINTOSCNXAB.MAR;1 (6)
FARS.SRCINTOSC

NTOSCNXAB Symbol table	SCAN XAB CHAIN	E 7 16-SEP-1984 00:07:06 VAX/VMS Macro V04-00 5-SEP-1984 16:21:07 [RMS.SRC]NTOSCNXAB.MAR;1	Page 14 (5)
\$\$.PSECT_EP \$\$COUNT \$\$RMSTEST \$\$RMS_PBUGCHK \$\$RMS_TBUGCHK \$\$RMS_TBUGCHK \$\$RMS_UMODE ALLOCATION CHKXAB COMMON_SCAN DAP\$B_ACCFUNC DAP\$B_ACCFUNC DAP\$B_DECVER DAP\$B_DECVER DAP\$B_ECONUM DAP\$B_FILESYS DAP\$B_SHR DAP\$B_USRNUM DAP\$B_USRVER DAP\$B_USRNUM DAP\$B_USRVER DAP\$B_USRNUM DAP\$M_DSP_3NAM DAP\$M_GET DAP\$M_GO_NOGO DAP\$M_MSE DAP\$M_TMP1\$ DAP\$M_GO_NOGO DAP\$M_MSE DAP\$M_TMP2\$ DAP\$Q_PASSWORD DAP\$Q_PASSWORD DAP\$Q_PASSWORD DAP\$Q_PASSWORD DAP\$Q_PASSWORD DAP\$V_CHGPROCLS DAP\$V_CHGPROCLS DAP\$V_CHGPROCLS DAP\$V_CHGPROCLS DAP\$V_DSP_ALL DAP\$V_DSP_ALT DAP\$V_DSP_ATT DAP\$V_DSP_ATT DAP\$V_DSP_NAM DAP\$V_DSP_NAM DAP\$V_DSP_NAM DAP\$V_DSP_SUM	= 00000001 = 0000001A = 00000008 = 00000004 00000017 R 01 00000047 00000047 00000045 00000042 00000043 00000044 = 00000044 = 00000000000000000	IFBSB MODE	

```
16-SEP-1984 00:07:06 VAX/VMS Macro V04-00 5-SEP-1984 16:21:07 [RMS.SRC]NTOSCNXAB.MAR;1
NTOSCNXAB
                                                                            SCAN XAB CHAIN
                                                                                                                                                                                                                                                                                                                15
                                                                                                                                                                                                                                                                                                   Page
Symbol table
NWAST ITM LST
NWAST ITM MAXINDX
NWAST ITM STRING
NWAST NOBBUF
NWAST NODEBUF
NWAST RCVBUF
NWAST SCAN
NWAST TEMP
NWAST XLTBUF 1
NWAST XLTBUF 2
NWAST XMTBUF
NWASW BUILD
NWASW DAPBUF SIZ
NWASW DIR OFF
NWASW DISPLAY
NWASW FIL OFF
NWASW JNLXABJOP
NXTXAB
PROTECTION
                                                                              00000200
00000218
0000020C
0000052C
                                                                               00000169
000001A0
                                                                               00000100
                                                                                00000120
                                                                               000002AC
                                                                               00000300
                                                                               000000D2
                                                                               00000CA
                                                                               000000CC
                                                                               00000000
                                                                               000000CE
                                                                               0000011E
                                                                               00000010 R
 PROTECTION
                                                                               00000099 R
                                                                                                                  01
REV DATE TIME
                                                                                                                   01
                                                                               0000013C R
                                                                                                                  01
01
01
01
01
                                                                               *******
RMS$_COD
RMS$_IMX
RMS$_XAB
SETSTV
                                                                               *******
                                                                               ******
                                                                               ******
                                                                              00000066 R
0000010B R
                                                                                                                  01
 SUMMARY
VALIDATE XAB
XAB$B_BLN
XAB$B_COD
XAB$C_ALL
XAB$C_ALLEN
XAB$C_DAT
XAB$C_DAT
XAB$C_FHC
XAB$C_FHC
XAB$C_FHCLEN
XAB$C_JNL
XAB$C_JNL
XAB$C_JNLLEN
XAB$C_JNLLEN
XAB$C_NC
XAB$C_PRO
XAB$C_PRO
XAB$C_PRO
XAB$C_PRO
XAB$C_RDT
VALIDATE_XAB
                                                                               0000006B R
                                                                                                                  01
                                                                          = 00000001
                                                                          = 00000000
                                                                         = 00000000

= 00000014

= 00000012

= 00000014

= 00000010

= 00000020

= 00000020

= 00000015
                                                                          = 00000015
                                                                          = 00000040
                                                                         = 00000013
                                                                          = 00000010
                                                                          = 0000001E
                                                                         = 00000014
                                                                         = 00000016
                                                                         = 0000000C
                                                                          = 00000004
                                                                          = 00000008
                                                                                                                   ! Psect synopsis !
                                                                                                                   +----+
 PSECT name
                                                                                                                            PSECT No.
                                                                                                                                                     Attributes
                                                                             Allocation
 ------
                                                                             -------
                                                                                                                           00 (
01 (
02 (
                                                                                                                                                                                                                                                                      NOWRT NOVEC BYTE NOWRT NOVEC BYTE WRT NOVEC BYTE
                                                                                                                                                                                                                  LCL NOSHR NOEXE NORD GBL NOSHR EXE RD LCL NOSHR EXE RD
                                                                                                                                         0.)
        ABS
                                                                             00000000
                                                                                                                                                      NOPIC
                                                                                                                                                                                      CON
                                                                                                                                                                                                    REL
 NF SNE TWORK
                                                                             00000101
                                                                                                                                                          PIC
                                                                                                                                                                        USR
                                                                                                                                                                                       CON
                                                                             00000800
                                                                                                        2048.)
                                                                                                                                                                                       CON
 SABS$
                                                                                                                                                                        USR
```

VO

SCAN XAB CHAIN

16-SEP-1984 00:07:06 VAX/VMS Macro V04-00 5-SEP-1984 16:21:07 [RMS.SRC]NTOSCNXAB.MAR;1

Page 16

Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
riidse	rage lautts	CFO TIME	Ecapsed Time
Initialization	32 143 334	00:00:00.08	00:00:01.05
Command processing	143	00:00:00.80	00:00:04.52
Pass 1	334	00:00:12.16	00:00:35.27
Symbol table sort Pass 2	103 20	00:00:01.49	00:00:03.11
Pass 2	103	00:00:02.39	00:00:09.14
Symbol table output	20	00:00:00.15	00:00:00.38
Psect synopsis output	1	00:00:00.02	00:00:00.02
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	635	00:00:17.10	00:00:53.51

The working set limit was 1500 pages.
64416 bytes (126 pages) of virtual memory were used to buffer the intermediate code.
There were 60 pages of symbol table space allocated to hold 1101 non-local and 22 local symbols.
522 source lines were read in Pass 1, producing 14 object records in Pass 2.
34 pages of virtual memory were used to define 33 macros.

Macro library statistics !

Macro library name

\$255\$DUA28:[RMS.OBJ]RMS.MLB;1

\$255\$DUA28:[SYS.OBJ]LIB.MLB;1

\$255\$DUA28:[SYSLIB]STARLET.MLB;2

TOTALS (all libraries)

Macros defined

23

24

29

1326 GETS were required to define 29 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:NTOSCNXAB/OBJ=OBJ\$:NTOSCNXAB MSRC\$:NTOSCNXAB/UPDATE=(ENH\$:NTOSCNXAB)+EXECML\$/LIB+LIB\$:RMS/LIB

0317 AH-BT13A-SE

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